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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/701,749	11/05/2003	Von A. Mock	CE11700JEM	6868

24273 7590 12/20/2005

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EXAMINER

DANIEL JR, WILLIE J

ART UNIT

PAPER NUMBER

2686

DATE MAILED: 12/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<p align="center">Office Action Summary</p>	<p>Application No.</p> <p align="center">10/701,749</p>	<p>Applicant(s)</p> <p align="center">MOCK ET AL.</p>	
	<p>Examiner</p> <p align="center">Willie J. Daniel, Jr.</p>	<p>Art Unit</p> <p align="center">2686</p>	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10, 12-22 and 24-36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10, 12-22 and 24-36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 September 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| <p>1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</p> <p>2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</p> <p>3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date _____</p> | <p>4) <input type="checkbox"/> Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____</p> <p>5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</p> <p>6) <input type="checkbox"/> Other: _____</p> |
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DETAILED ACTION

1. This action is in response to applicant's amendment filed on 06 September 2005. **Claims 1-10, 12-22, and 24-36** are now pending in the present application.

Response to Amendment

2. The amendment is objected to because of the following informalities:
 - a. Applicant recites "...APPLN. NO: 10/786945..." on pg. 1. The Examiner interprets as "...APPLN. NO: 10/701749...".

Appropriate correction is required.

Claim Rejections - 35 USC § 112

3. The 112 rejections of the claims are withdrawn, as the proposed claim corrections are approved.

Claim Objections

4. Claim 28 is objected to because of the following informalities:
 - a. Claim 28 recites "...at a tower..." in line 2 of the claim. The Examiner interprets as "...a tower...".

Appropriate correction is required.

Drawings

5. The objections to the drawings are withdrawn, as the proposed specification and Fig. 2 corrections are approved.

Specification

6. The objection to the specification is withdrawn, as the proposed specification correction is approved.

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3, 13, 15-17, 26, 29, 33, and 36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hiben et al. (hereinafter Hiben) (US 2002/0169008 A1) in view of Bunton et al. (hereinafter Bunton) (US 2004/0102219 A1).

Regarding **Claim 1**, Hiben discloses a method for adjusting power consumption in a receiving device (106) which reads on the claimed "device" (see pg. 1, [0005, 0015]; Figs. 1, 7-8), the method comprising the steps of:

receiving a control message which reads on the claimed "command" to enter a low power mode (see pg. 1, [0015-0016]; Figs. 1, 7-8), where the receiving device (106) receives control messages to operate in low power decoding mode; and

adjusting, in response to receiving the command, at least operating mode of the device (106) so as to enter a low power operating mode (see pg. 1, [0016]; Figs. 1, 7-8), where the receiving device switches to low power mode for decoding. Hiben fails to disclose having the feature in response to an emergency mode situation. However, the examiner maintains that the feature in response to an emergency mode situation was well known in the art, as taught by Bunton.

In the same field of endeavor, Bunton discloses the feature in response to an emergency mode situation (see pg. 9, [0136-0137]; Figs. 1-4), where the CS (2) transmits a command to the MS (4) that controls transmissions of the MS (4) to minimize power consumptions in emergency situations such as search and rescue operations.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben and Bunton to have the feature in response to an emergency mode situation, in order to provide communications between parties without reliance on any connective infrastructure, as taught by Bunton (see [0001], [0002, lines 10-13]).

Regarding **Claim 2**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 1), in addition Hiben further discloses a the method according to claim 1, wherein in the adjusting step, the at least one operating mode includes a quality of service setting, a vocoding ratio, a BER threshold that initiates background scanning, a frequency of monitoring other communication networks, a definition of a function key, an operating mode of a display, a resolution of a display, a sensor, a CPU clock speed, or an alert time (see pg. 1, [0016]; pg. 2, [0024]; Figs. 1, 7-8).

Regarding **Claim 3**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 1), in addition Hiben further discloses the method according to claim 1, further comprising the steps of:

receiving a second command to exit the low power mode (see pg. 1, [0016]; Figs. 1, 7-8), where the receiving device (106) switches from low power decoding mode to high power decoding mode; and

adjusting, in response to receiving the second command, the at least one operating mode of the device (106) so as to exit the low power operating mode (see pg. 1, [0016]; Figs. 1, 7-8), where the receiving device (106) switches from low power decoding mode to high power decoding mode.

Regarding **Claim 13**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 1), in addition Hiben further discloses the method according to claim 1,

wherein the command includes a receiver identification (see pg. 1, [0015]), where the receiving devices receive control messages to adjust power in which the receiver identification would be inherent, and

the method further comprises the step of determining if the receiver identification matches an identification associated with the device (see pg. 1, [0015]), where the receiving devices receive control messages to adjust power in which the matching of receiver identification would be inherent.

Regarding **Claim 15**, Hiben discloses a receiving device (106) which reads on the claimed “electronic device” (see pg. 1, [0005, 0015]; Figs. 1, 7-8), the method comprising the steps of:

a receiver (500) for receiving a control message which reads on the claimed “command” to enter a low power mode (see pg. 1, [0016]; pg. 4, [0035]; Figs. 1, 5, 7-8), where the receiving device (106) receives control messages to operate in low power decoding mode; and

a processor which reads on the claimed “mode controller” communicatively coupled to the receiver (500), the mode controller being capable of adjusting at least operating mode of the device (106) so as to enter a low power operating mode when the command is received by the receiver (500) (see pg. 1, [0016]; pg. 4, [0035]; Figs. 1, 5, 7-8), where the receiving device can switch to low power decoding mode. Hiben fails to disclose having the feature in response to an emergency mode situation. However, the examiner maintains that the feature in response to an emergency mode situation was well known in the art, as taught by Bunton.

Bunton further discloses the feature in response to an emergency mode situation (see pg. 9, [0136-0137]; Figs. 1-4), where the CS (2) transmits a command to the MS (4) that controls transmissions of the MS (4) to minimize power consumptions in emergency situations such as search and rescue operations.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben and Bunton to have the feature in response to an emergency mode situation, in order to provide communications between

parties without reliance on any connective infrastructure, as taught by Bunton (see [0001], [0002, lines 10-13]).

Regarding **Claim 16**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 15), in addition Hiben further discloses the electronic device (106) according to claim 8, wherein the at least one operating mode includes a quality of service setting, a vocoding ratio, a BER threshold that initiates background scanning, a frequency of monitoring other communication networks, a definition of a function key, an operating mode of a display, a resolution of a display, a sensor, a CPU clock speed, or an alert time (see pg. 1, [0016]; pg. 2, [0024]; Figs. 1, 7-8).

Regarding **Claim 17**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 15), in addition Hiben further discloses the electronic device (106) according to claim 9, wherein the receiver (500) is further able to receive a second command to exit the low power mode (see pg. 1, [0016]; pg. 4, [0035]; Figs. 1, 5, 7-8), where the receiving device (106) switches from low power decoding mode to high power decoding mode; and

the mode controller (106, e.g., processor) is capable of adjusting the at least one operating mode of the device (106) so as to exit the low power operating mode when the second command is received by the receiver (500) (see pg. 1, [0016]; Figs. 1, 5, 7-8), where the receiving device (106) can switch from low power decoding mode to high power decoding mode.

Regarding **Claim 26**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 15), in addition Hiben further discloses the method according to claim 15,

wherein the command includes a receiver identification (see pg. 1, [0015]), where the receiving devices receive control messages to adjust power in which the receiver identification would be inherent, and

the mode controller (106, e.g., processor) determines if the receiver identification matches an identification associated with the device (see pg. 1, [0015]), where the receiving devices receive control messages to adjust power in which the matching of receiver identification would be inherent.

Regarding **Claim 29**, Hiben discloses a computer program product comprising computer programming instruction for performing the steps of:

receiving a control message which reads on the claimed "command" to enter a low power mode (see pg. 1, [0015-0016]; Figs. 1, 7-8), where the receiving device (106) receives control messages to operate in low power decoding mode; and

adjusting, in response to receiving the command, at least operating mode of the device (106) so as to enter a low power operating mode (see pg. 1, [0016]; Figs. 1, 7-8), where the receiving device switches to low power mode for decoding. Hiben fails to disclose having the feature in response to an emergency mode situation. However, the examiner maintains that the feature in response to an emergency mode situation was well known in the art, as taught by Bunton.

Bunton further discloses the feature in response to an emergency mode situation (see pg. 9, [0136-0137]; Figs. 1-4), where the CS (2) transmits a command to the MS (4) that controls transmissions of the MS (4) to minimize power consumptions in emergency situations such as search and rescue operations.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben and Bunton to have the feature in response to an emergency mode situation, in order to provide communications between parties without reliance on any connective infrastructure, as taught by Bunton (see [0001], [0002, lines 10-13]).

Regarding **Claim 33**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 29), in addition Hiben further discloses the method according to claim 29,

wherein the command includes a receiver identification (see pg. 1, [0015]), where the receiving devices receive control messages to adjust power in which the receiver identification would be inherent, and

the computer program product further comprises computer programming instructions for performing the step of determining if the receiver identification matches an identification associated with the device (see pg. 1, [0015]), where the receiving devices receive control messages to adjust power in which the matching of receiver identification and instructions would be inherent.

Regarding **Claim 36**, Hiben discloses a method for controlling an electronic device, the method comprising the steps of:

receiving at least one of data and voice information from the device (see pg. 1, [0015-16]; pg. 2, [0017]; Figs. 1, 7-8); and

transmitting a message to the device (106), the message including a command instructing the device (106) to enter low power mode (see pg. 1, [0015-0016]; Figs. 1, 7-8), where the receiving device (106) switches to low power decoding mode. Hiben fails to disclose having the feature in response to an emergency mode situation; conserve power during the emergency mode situation. However, the examiner maintains that the feature in response to an emergency mode situation; conserve power during the emergency mode situation was well known in the art, as taught by Bunton.

Bunton further discloses the feature in response to an emergency mode situation (see pg. 9, [0136-0137]; Figs. 1-4), where the CS (2) transmits a command to the MS (4) that controls transmissions of the MS (4) to minimize power consumptions in emergency situations such as search and rescue operations;

conserve power during the emergency mode situation (see pg. 9, [0136-0137]; Fig. 4), where the CS transmits a command to the MS that controls transmissions of the MS to minimize power consumptions in emergency situations such as search and rescue operations.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben and Bunton to have the feature in response to an emergency mode situation; conserve power during the emergency mode situation, in order to provide communications between parties without reliance on any connective infrastructure, as taught by Bunton (see [0001], [0002, lines 10-13]).

Claims 4-5, 8, 18-19, 24 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hiben et al. (hereinafter Hiben) (US 2002/0169008 A1) in view of Bunton et al. (hereinafter Bunton) (US 2004/0102219 A1) as applied to claim 1 above, and further in view of Reichelt (US 6,427,072 B1).

Regarding **Claim 4**, the combination of Hiben and Bunton fails to disclose having the feature the step of preventing a user from changing the at least one operation while the device is in the low power operating mode. However, the examiner maintains that the feature the step of preventing a user from changing the at least one operation while the device is in the low power operating mode was well known in the art, as taught by Reichelt.

In the same field of endeavor, Reichelt discloses the feature the step of preventing a user from changing the at least one operation while the mobile telephone which reads on the claimed "device" is in the low power operating mode (see col. 5, lines 41-52; col. 3, lines 60-64; Figs. 1, 2 "ref. 42").

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature the step of preventing a user from changing the at least one operation while the device is in the low power operating mode, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-emergency calls under certain preconditions and also allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10).

Regarding **Claim 5**, the combination of Hiben and Bunton fails to disclose having the feature the step of providing at least one status indicator for indicating at least one of an

emergency situation and that the device is operating in the low power operation mode.

However, the examiner maintains that the feature the step of providing at least one status indicator for indicating at least one of an emergency situation and that the device is operating in the low power operation mode was well known in the art, as taught by Reichelt.

Reichelt further discloses the feature the step of providing at least one status indicator for indicating at least one of an emergency situation and that the device is operating in the low power operation mode (see col. 3, lines 60-64; Fig. 1 “ref. 30”).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature the step of providing at least one status indicator for indicating at least one of an emergency situation and that the device is operating in the low power operation mode, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-emergency calls under certain preconditions and also allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10).

Regarding **Claim 8**, the combination of Hiben and Bunton fails to disclose having the feature further comprising the step of continuing to operate the device after a battery energy level has fallen below a normal operating threshold. However, the examiner maintains that the feature further comprising the step of continuing to operate the device after a battery energy level has fallen below a normal operating threshold was well known in the art, as taught by Reichelt.

Reichelt further discloses the feature further comprising the step of continuing to operate the mobile telephone (10) which reads on the claimed "device" after a battery energy level has fallen below a normal operating threshold (see col. 3, lines 50-64; col. 4, lines 62-67), where the user of the mobile telephone can operate using the emergency call reserve power which is below the normal operating power level.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature further comprising the step of continuing to operate the device after a battery energy level has fallen below a normal operating threshold, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-emergency calls under certain preconditions and also allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10).

Regarding **Claim 18**, the combination of Hiben and Bunton fails to disclose having the feature wherein the mode controller prevents a user from changing the at least one operation while the device is in the low power operating mode. However, the examiner maintains that the feature wherein the mode controller prevents a user from changing the at least one operation while the device is in the low power operating mode was well known in the art, as taught by Reichelt.

Reichelt further discloses the feature wherein the mode controller (e.g., microcomputer 12) prevents a user from changing the at least one operation while the mobile telephone which reads on the claimed "device" is in the low power operating mode (see col. 5, lines 41-52; col. 3, lines 60-64; Figs. 1, 2 "ref. 42").

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature wherein the mode controller prevents a user from changing the at least one operation while the device is in the low power operating mode, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-emergency calls under certain preconditions and also allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10).

Regarding **Claim 19**, the combination of Hiben and Bunton fails to disclose having the feature further comprising at least one status indicator for indicating at least one of an emergency situation and that the device is operating in the low power operation mode. However, the examiner maintains that the feature further comprising at least one status indicator for indicating at least one of an emergency situation and that the device is operating in the low power operation mode was well known in the art, as taught by Reichelt.

Reichelt further discloses the feature further comprising at least one status indicator for indicating at least one of an emergency situation and that the device is operating in the low power operation mode (see col. 3, lines 60-64; Fig. 1 "ref. 30").

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature further comprising at least one status indicator for indicating at least one of an emergency situation and that the device is operating in the low power operation mode, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-emergency calls under certain preconditions and also

allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10).

Regarding **Claim 24**, the combination of Hiben and Bunton fails to disclose having the feature wherein in the low power operating mode, the electronic device continues to operate after a battery energy level has fallen below a normal operating threshold. However, the examiner maintains that the feature wherein in the low power operating mode, the electronic device continues to operate after a battery energy level has fallen below a normal operating threshold was well known in the art, as taught by Reichelt.

Reichelt further discloses the feature further wherein in the low power operating mode, the mobile telephone (10) which reads on the claimed “electronic device” after a battery energy level has fallen below a normal operating threshold (see col. 3, lines 50-64; col. 4, lines 62-67), where the user of the mobile telephone can operate using the emergency call reserve power which is below the normal operating power level.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature wherein in the low power operating mode, the electronic device after a battery energy level has fallen below a normal operating threshold, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-emergency calls under certain preconditions and also allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10).

Regarding **Claim 31**, the combination of Hiben and Bunton fails to disclose having the feature further comprising computer programming instructions for performing the step of

continuing to operate the device after a battery energy level has fallen below a normal operating threshold. However, the examiner maintains that the feature further comprising the step of continuing to operate the device after a battery energy level has fallen below a normal operating threshold was well known in the art, as taught by Reichelt.

Reichelt further discloses the feature further comprising computer programming instructions for performing the step of continuing to operate the mobile telephone (10) which reads on the claimed "device" after a battery energy level has fallen below a normal operating threshold (see col. 3, lines 50-64; col. 4, lines 62-67), where the user of the mobile telephone can operate using the emergency call reserve power which is below the normal operating power level in which the instructions would be inherent.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature further comprising computer programming instructions for performing the step of continuing to operate the device after a battery energy level has fallen below a normal operating threshold, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-emergency calls under certain preconditions and also allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10).

Claims 6 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hiben et al. (hereinafter Hiben) (US 2002/0169008 A1) in view of Bunton et al. (hereinafter Bunton) (US 2004/0102219 A1) as applied to claim 1 above, and further in view of Simpson et al. (hereinafter Simpson) (US 2004/0121767 A1).

Regarding **Claim 6**, Hiben discloses the feature wherein the command (e.g., control messages) (see pg. 1, 0015-0016). Also, Bunton discloses the feature wherein the command (see pg. 9, [00137]). The combination of Hiben and Bunton fails to disclose having the features an alert message that also includes a uniform resource locator, and the method further comprises the step of presenting information associated with the uniform resource locator. However, the examiner maintains that the features an alert message that also includes a uniform resource locator, and the method further comprises the step of presenting information associated with the uniform resource locator was well known in the art, as taught by Simpson.

In the same field of endeavor, Simpson discloses the features an alert message that also includes a hyperlinks which reads on the claimed “uniform resource locator” (see pg. 4, [0044, 0041]), where the messages includes hyperlinks, and

the method further comprises the step of presenting information associated with the uniform resource locator (see pg. 4, [0044]), where the message includes hyperlinks in which the presenting information would be inherent.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Simpson to have the features an alert message that also includes a uniform resource locator, and the method

further comprises the step of presenting information associated with the uniform resource locator, in order to provide users with the ability to determine the operating status of systems or subsystems, as taught by Simpson (see pg. 1, [0002], lines 18-19).

Regarding **Claim 20**, Hiben discloses the feature wherein the command (e.g., control messages) (see pg. 1, 0015-0016). Also, Bunton discloses the feature wherein the command (see pg. 9, [00137]). The combination of Hiben and Bunton fails to disclose having the features an alert message that also includes a uniform resource locator, and the electronic device further comprises a display for presenting information associated with the uniform resource locator. However, the examiner maintains that the features an alert message that also includes a uniform resource locator, and the electronic device further comprises a display for presenting information associated with the uniform resource locator was well known in the art, as taught by Simpson.

Simpson further discloses the features an alert message that also includes a hyperlinks which reads on the claimed “uniform resource locator” (see pg. 4, [0044]), where the messages includes hyperlinks, and

the electronic device (118) further comprises a display for presenting information associated with the uniform resource locator (see pg. 4, [0044]; Fig. 1), where the message includes hyperlinks in which the presenting information would be inherent.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Simpson to have the features an alert message that also includes a uniform resource locator, and the electronic device further comprises a display for presenting information associated with the uniform

resource locator, in order to provide users with the ability to determine the operating status of systems or subsystems, as taught by Simpson (see pg. 1, [0002], lines 18-19).

Claims 7, 12, 21, 25 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hiben et al. (hereinafter Hiben) (US 2002/0169008 A1) in view of Bunton et al. (hereinafter Bunton) (US 2004/0102219 A1) as applied to claim 1 above, and further in view of Alperovich et al. (hereinafter Alperovich) (US 6,385,469 B1).

Regarding **Claim 7**, the combination of Hiben and Bunton fails to disclose having the features presenting a user with a plurality of operating modes; accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes; and placing the device into the selected operating mode. However, the examiner maintains that the features presenting a user with a plurality of operating modes; accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes; and placing the device into the selected operating mode was well known in the art, as taught by Alperovich.

In the same field of endeavor, Alperovich discloses the features presenting a user with a plurality of operating modes (see col. 3, lines 31-38; Fig. 2), where the user presented with a menu; accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes (see col. 3, line 51 - col. 4, line 6; Fig. 2); and placing the mobile station (20) which reads on the claimed "device" into the selected operating mode (see col. 3, line 51 - col. 4, line 6; col. 4, lines 34-37; Fig. 2).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Alperovich to have the features presenting a user with a plurality of operating modes; accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes; and placing the device into the selected operating mode, in order to extend the life of a battery within a mobile station, while still allowing a mobile subscriber to use the MS, as taught by Alperovich (see col. 2, lines 29-32).

Regarding **Claim 12**, the combination of Hiben and Bunton fails to disclose having the feature wherein the command to enter the low power mode is initiated by a user of the device. However, the examiner maintains that the feature wherein the command to enter the low power mode is initiated by a user of the device was well known in the art, as taught by Alperovich.

Alperovich further discloses the feature wherein the command to enter the low power mode is initiated by a user of the device (20) (see col. 3, line 51 - col. 4, line 6; col. 4, lines 34-37; Fig. 2), where the user can select the mode to extend the life of the battery.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Alperovich to have the feature wherein the command to enter the low power mode is initiated by a user of the device, in order to extend the life of a battery within a mobile station, while still allowing a mobile subscriber to use the MS, as taught by Alperovich (see col. 2, lines 29-32).

Regarding **Claim 21**, the combination of Hiben and Bunton fails to disclose having the features presenting a user with a plurality of operating modes; accepting an input from

the user that indicates a selected operating mode that is chosen from the plurality of operating modes; and placing the device into the selected operating mode. However, the examiner maintains that the features presenting a user with a plurality of operating modes; accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes; and placing the device into the selected operating mode was well known in the art, as taught by Alperovich.

Alperovich further discloses the features

presenting a user with a plurality of operating modes (see col. 3, lines 31-38; Fig. 2), where the user presented with a menu;

accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes (see col. 3, line 51 - col. 4, line 6; Fig. 2); and

placing the mobile station (20) which reads on the claimed "device" into the selected operating mode (see col. 3, line 51 - col. 4, line 6; col. 4, lines 34-37; Fig. 2).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Alperovich to have the features presenting a user with a plurality of operating modes; accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes; and placing the device into the selected operating mode, in order to extend the life of a battery within a mobile station, while still allowing a mobile subscriber to use the MS, as taught by Alperovich (see col. 2, lines 29-32).

Regarding **Claim 25**, the combination of Hiben and Bunton fails to disclose having the feature wherein the command to enter the low power mode is initiated by a user of the

device. However, the examiner maintains that the feature wherein the command to enter the low power mode is initiated by a user of the device was well known in the art, as taught by Alperovich.

Alperovich further discloses the feature wherein the command to enter the low power mode is initiated by a user of the device (20) (see col. 3, line 51 - col. 4, line 6; col. 4, lines 34-37; Fig. 2), where the user can select the mode to extend the life of the battery.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Alperovich to have the feature wherein the command to enter the low power mode is initiated by a user of the device, in order to extend the life of a battery within a mobile station, while still allowing a mobile subscriber to use the MS, as taught by Alperovich (see col. 2, lines 29-32).

Regarding **Claim 30**, the combination of Hiben and Bunton fails to disclose having the features presenting a user with a plurality of operating modes; accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes; and placing the device into the selected operating mode. However, the examiner maintains that the features presenting a user with a plurality of operating modes; accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes; and placing the device into the selected operating mode was well known in the art, as taught by Alperovich.

Alperovich further discloses the features
presenting a user with a plurality of operating modes (see col. 3, lines 31-38; Fig. 2),
where the user presented with a menu;

accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes (see col. 3, line 51 - col. 4, line 6; Fig. 2); and placing the mobile station (20) which reads on the claimed "device" into the selected operating mode (see col. 3, line 51 - col. 4, line 6; col. 4, lines 34-37; Fig. 2).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Alperovich to have the features presenting a user with a plurality of operating modes; accepting an input from the user that indicates a selected operating mode that is chosen from the plurality of operating modes; and placing the device into the selected operating mode, in order to extend the life of a battery within a mobile station, while still allowing a mobile subscriber to use the MS, as taught by Alperovich (see col. 2, lines 29-32).

Claims 9-10, 22, and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hiben et al. (hereinafter Hiben) (US 2002/0169008 A1) in view of Bunton et al. (hereinafter Bunton) (US 2004/0102219 A1) as applied to claim 1 above, and further in view of Reichelt (US 6,427,072 B1) and Bigwood et al. (hereinafter Bigwood) (US 2002/0086718 A1).

Regarding **Claim 9**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 1), in addition Hiben further discloses the method according to claim 1, further comprising the steps of:

monitoring an energy level of a battery (see pg. 1, 0015-0016]), where the device (106) switches modes to reduce power usage of the batteries in which the monitoring would be inherent. The combination of Hiben and Bunton fails to disclose having the features

comparing the energy level to a threshold; transmitting an indication of the energy level to a central controller; and providing an indication that the indication of the energy level has been transmitted. However, the examiner maintains that the feature comparing the energy level to a threshold was well known in the art, as taught by Reichelt.

Reichelt further discloses the feature comparing the energy level to a threshold (see col. 4, line 58 - col. 5, line 17; col. 6, line 31-35; Fig. 2 “ref. 44”).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature comparing the energy level to a threshold, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-emergency calls under certain preconditions and also allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10). The combination of Hiben, Bunton, and Reichelt fails to disclose having the features transmitting an indication of the energy level to a central controller; and providing an indication that the indication of the energy level has been transmitted. However, the examiner maintains that the features transmitting an indication of the energy level to a central controller; and providing an indication that the indication of the energy level has been transmitted was well known in the art, as taught by Bigwood.

In the same field of endeavor, Bigwood discloses the features transmitting an indication of the energy level to a fleet controller (7) which reads on the claimed “central controller” (see pg. 3, [0041-0046]; Fig. 2); and providing an indication that the indication of the energy level has been transmitted (see pg. 3, [0043-0046]; Fig. 2).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, Reichelt, and Bigwood to have the features transmitting an indication of the energy level to a central controller; and providing an indication that the indication of the energy level has been transmitted, in order to interrogate each mobile radio unit via an over the air interface to automatically report various battery condition parameters, as taught by Bigwood (see pg. 3, [0048]).

Regarding **Claim 10**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 1), in addition Hiben further discloses the method according to claim 1, further comprising the steps of:

monitoring an energy level of a battery (see pg. 1, 0015-0016]), where the device (106) switches modes to reduce power usage of the batteries in which the monitoring would be inherent. The combination of Hiben and Bunton fails to disclose having the features comparing the energy level to a threshold; transmitting an indication of the energy level to a central controller; and providing an indication of an estimated time of arrival of a replacement battery. However, the examiner maintains that the feature comparing the energy level to a threshold was well known in the art, as taught by Reichelt.

Reichelt further discloses the feature comparing the energy level to a threshold (see col. 4, line 58 - col. 5, line 17; col. 6, line 31-35; Fig. 2 "ref. 44").

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature comparing the energy level to a threshold, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-

emergency calls under certain preconditions and also allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10). The combination of Hiben, Bunton, and Reichelt fails to disclose having the features transmitting an indication of the energy level to a central controller; and providing an indication of an estimated time of arrival of a replacement battery. However, the examiner maintains that the features transmitting an indication of the energy level to a central controller; and providing an indication of an estimated time of arrival of a replacement battery was well known in the art, as taught by Bigwood.

Bigwood further discloses the features

transmitting an indication of the energy level to a fleet controller (7) which reads on the claimed "central controller" (see pg. 3, [0041-0046]; Fig. 2); and

providing an indication of an estimated time of arrival (i.e., remaining battery life) of a replacement battery (see pg. 3, [0043-0047]; Fig. 2), where the fleet manager interrogates the database for battery capacities in which the estimated time of arrival would be inherent because the battery capacity indicates the remaining battery life for usage. Since the fleet manager is informed of the remaining battery life that results in the amount of time the device will be usable, the manager uses this time amount to provide remedial action to remove or replace the batteries.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, Reichelt, and Bigwood to have the features transmitting an indication of the energy level to a central controller; and providing an indication of an estimated time of arrival of a replacement battery, in order

interrogate each mobile radio unit via an over the air interface to automatically report various battery condition parameters, as taught by Bigwood (see pg. 3, [0048]).

Regarding **Claim 22**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 15), in addition Hiben further discloses the method according to claim 15, further comprising the steps of:

means (100) for monitoring an energy level of a battery (see pg. 1, 0015-0016, 0004-0005]), where the device (106) switches modes to reduce power usage of the batteries in which the monitoring would be inherent. The combination of Hiben and Bunton fails to disclose having the features comparing the energy level to a threshold; transmitting an indication of the energy level to a central controller; and providing an indication of an estimated time of arrival of a replacement battery. However, the examiner maintains that the feature comparing the energy level to a threshold was well known in the art, as taught by Reichelt.

Reichelt further discloses the feature comparing the energy level to a threshold (see col. 4, line 58 - col. 5, line 17; col. 6, line 31-35; Fig. 2 "ref. 44").

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature comparing the energy level to a threshold, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-emergency calls under certain preconditions and also allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10). The combination of Hiben, Bunton, and Reichelt fails to disclose having the features transmitting

an indication of the energy level to a central controller; and providing an indication of an estimated time of arrival of a replacement battery. However, the examiner maintains that the features transmitting an indication of the energy level to a central controller; and providing an indication of an estimated time of arrival of a replacement battery was well known in the art, as taught by Bigwood.

Bigwood further discloses the features

transmitting an indication of the energy level to a fleet controller (7) which reads on the claimed "central controller" (see pg. 3, [0041-0046]; Fig. 2); and

providing an indication of an estimated time of arrival (i.e., remaining battery life) of a replacement battery (see pg. 3, [0043-0047]; Fig. 2), where the fleet manager interrogates the database for battery capacities in which the estimated time of arrival would be inherent because the battery capacity indicates the remaining battery life for usage. Since the fleet manager is informed of the remaining battery life that results in the amount of time the device will be usable, the manager uses this time amount to provide remedial action to remove or replace the batteries.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, Reichelt, and Bigwood to have the features transmitting an indication of the energy level to a central controller; and providing an indication of an estimated time of arrival of a replacement battery, in order to interrogate each mobile radio unit via an over the air interface to automatically report various battery condition parameters, as taught by Bigwood (see pg. 3, [0048]).

Regarding **Claim 32**, the combination of Hiben and Bunton discloses every limitation claimed, as applied above (see claim 29), in addition Hiben further discloses the method according to claim 29, further comprising computer programming instructions for performing the steps of:

monitoring an energy level of a battery (see pg. 1, 0015-0016]), where the device (106) switches modes to reduce power usage of the batteries in which the monitoring and instructions would be inherent. The combination of Hiben and Bunton fails to disclose having the features comparing the energy level to a threshold; transmitting an indication of the energy level to a central controller; and providing an indication that the indication of the energy level has been transmitted. However, the examiner maintains that the feature comparing the energy level to a threshold was well known in the art, as taught by Reichelt.

Reichelt further discloses the feature comparing the energy level to a threshold (see col. 4, line 58 - col. 5, line 17; col. 6, line 31-35; Fig. 2 "ref. 44").

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, and Reichelt to have the feature comparing the energy level to a threshold, in order to have a reserve power allocation system with an emergency call capability protector which inhibits the making of non-emergency calls under certain preconditions and also allows for user function selection based on battery level and usage criteria, as taught by Reichelt (see col. 2, lines 1-10). The combination of Hiben, Bunton, and Reichelt fails to disclose having the features transmitting an indication of the energy level to a central controller; and providing an indication that the indication of the energy level has been transmitted. However, the examiner maintains that

the features transmitting an indication of the energy level to a central controller; and providing an indication that the indication of the energy level has been transmitted was well known in the art, as taught by Bigwood.

Bigwood further discloses the features transmitting an indication of the energy level to a fleet controller (7) which reads on the claimed "central controller" (see pg. 3, [0041-0046]; Fig. 2); and

providing an indication that the indication of the energy level has been transmitted (see pg. 3, [0043-0046]; Fig. 2).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben, Bunton, Reichelt, and Bigwood to have the features transmitting an indication of the energy level to a central controller; and providing an indication that the indication of the energy level has been transmitted, in order to interrogate each mobile radio unit via an over the air interface to automatically report various battery condition parameters, as taught by Bigwood (see pg. 3, [0048]).

Claims 14, 27-28, and 34-35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hiben et al. (hereinafter Hiben) (US 2002/0169008 A1) in view of Bunton et al. (hereinafter Bunton) (US 2004/0102219 A1) as applied to claims 14, 26, and 33 above, and further in view of well known prior art (**MPEP 2144.03**) which is hereby supported by Shapiro (US 5,705,980).

Regarding **Claim 14**, Hiben teaches of wherein the receiver identification comprises a location description, and the determining step comprises comparing the location description

to a current location of the device (see pg. 1, [0015-0016]; pg. 2, [0019]), the features would be inherent because a receiving device (106) receives controlling messages from the base station (104) to switch between low and high power (see pg. 1, [0015-0016]; pg. 2, [0019]). The base station (104) communicates with device (106) in the coverage area of the communication system (100) according to the location determined by the device being registered with a base station (104) or a component such as a GPS satellite providing relative location information. Hiben fails to disclose having the feature wherein an event that causes the emergency mode situation at least partially occurs in the location description. However, the examiner maintains that the feature wherein an event that causes the emergency mode situation at least partially occurs in the location description was well known in the art, as taught by Bunton.

Bunton further discloses the feature wherein an event that causes the emergency mode situation at least partially occurs in the location description (e.g., mine) (see pg. 9, [0136-0137]; Figs. 1-4), where the CS (2) transmits a command to the MS (4) that controls transmissions of the MS (4) to minimize power consumptions in emergency situations such as search and rescue operations (e.g., event) in which the MS (4) is in the location of a mine for the CS (2) and MS (4) to communicate.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben and Bunton to have the feature wherein an event that causes the emergency mode situation at least partially occurs in the location description, in order to provide communications between parties without reliance on any connective infrastructure, as taught by Bunton (see [0001], [0002, lines 10-13]).

Also, as further support to address the Examiner taking official notice of the fact that it was well known in the art to have the features wherein the receiver identification comprises a location description, and the determining step comprises comparing the location description to a current location of the device. Shapiro specifically discloses wherein the receiver identification comprises a location description, and the determining step comprises comparing the location description to a current location of the device (see col. 2, lines 30-67; abstract; Figs. 1 and 7).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Hiben and Bunton with Shapiro by specifically having the features wherein the receiver identification comprises a location description, and the determining step comprises comparing the location description to a current location of the device, for the purpose of using a selective call transceiver to summon help to a distress condition, as taught by Shapiro (see col. 2, lines 2-9).

Regarding **Claim 27**, Hiben teaches of wherein the receiver identification comprises a location description, and the mode controller compares the location description to a current location of the device (see pg. 1, [0015-0016]; pg. 2, [0019]), where the features would be inherent because a receiving device (106) receives controlling messages from the base station (104) to switch between low and high power (see pg. 1, [0015-0016]; pg. 2, [0019]). The base station (104) communicates with device (106) in the coverage area of the communication system (100) according to the location determined by the device being registered with a base station (104) or a component such as a GPS satellite providing relative location information. Hiben fails to disclose having the feature wherein an event that causes

the emergency mode situation at least partially occurs in the location description. However, the examiner maintains that the feature wherein an event that causes the emergency mode situation at least partially occurs in the location description was well known in the art, as taught by Bunton.

Bunton further discloses the feature wherein an event that causes the emergency mode situation at least partially occurs in the location description (e.g., mine) (see pg. 9, [0136-0137]; Figs. 1-4), where the CS (2) transmits a command to the MS (4) that controls transmissions of the MS (4) to minimize power consumptions in emergency situations such as search and rescue operations (e.g., event) in which the MS (4) is in the location of a mine for the CS (2) and MS (4) to communicate.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Hiben and Bunton to have the feature wherein an event that causes the emergency mode situation at least partially occurs in the location description, in order to provide communications between parties without reliance on any connective infrastructure, as taught by Bunton (see [0001], [0002, lines 10-13]).

Also, as further support to address the Examiner taking official notice of the fact that it was well known in the art to have the features wherein the receiver identification comprises a location description, and the mode controller compares the location description to a current location of the device. Shapiro specifically discloses wherein the receiver identification comprises a location description, and the mode controller compares the location description to a current location of the device, for the purpose of communicating with the device according to the location of the device (see col. 2, lines 30-67; abstract; Figs. 1 and 7).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Hiben and Bunton with Shapiro by specifically having the features wherein the receiver identification comprises a location description, and the mode controller compares the location description to a current location of the device, for the purpose of using a selective call transceiver to summon help to a distress condition, as taught by Shapiro (see col. 2, lines 2-9).

Regarding **Claim 28**, the combination of Hiben and Bunton teaches of wherein the location description comprises a tower identification, a network identification, a zip code, an area code or a time zone (see pg. 1, [0015-0016]; pg. 2, [0019]), the features would be inherent because a receiving device (106) receives controlling messages from the base station (104) to switch between low and high power (see pg. 1, [0015-0016]; pg. 2, [0019]). The base station (104) communicates with device (106) in the coverage area of the communication system (100) according to the location determined by the device being registered with a base station (104) or a component such as a GPS satellite providing relative location information.

Also, as further support to address the Examiner taking official notice of the fact that it was well known in the art to have the features wherein the location description comprises at a tower identification, a network identification, a zip code, an area code or a time zone, for the purpose of communicating with the device according to the location of the device. Shapiro specifically discloses wherein the location description comprises at a tower identification, a network identification, a zip code, an area code or a time zone, for the purpose of communicating with the device according to the location of the device, for the

purpose of communicating with the device according to the location of the device (see col. 2, lines 30-67; abstract; Figs. 1 and 7).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Hiben and Bunton with Shapiro by specifically having the features wherein the location description comprises at a tower identification, a network identification, a zip code, an area code or a time zone, for the purpose of using a selective call transceiver to summon help to a distress condition, as taught by Shapiro (see col. 2, lines 2-9).

Regarding **Claim 34**, the claim is rejected for the same reasons as set forth above in the rejection of Claim 27.

Regarding **Claim 35**, the claim is rejected for the same reasons as set forth above in the rejection of Claim 28.

Response to Arguments

8. Applicant's arguments with respect to claims 1-10, 12-22, and 24-33 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Willie J. Daniel, Jr. whose telephone number is (571) 272-7907. The examiner can normally be reached on 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha D. Banks-Harold can be reached on (571) 272-7905. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

WJD,JR
06 December 2005

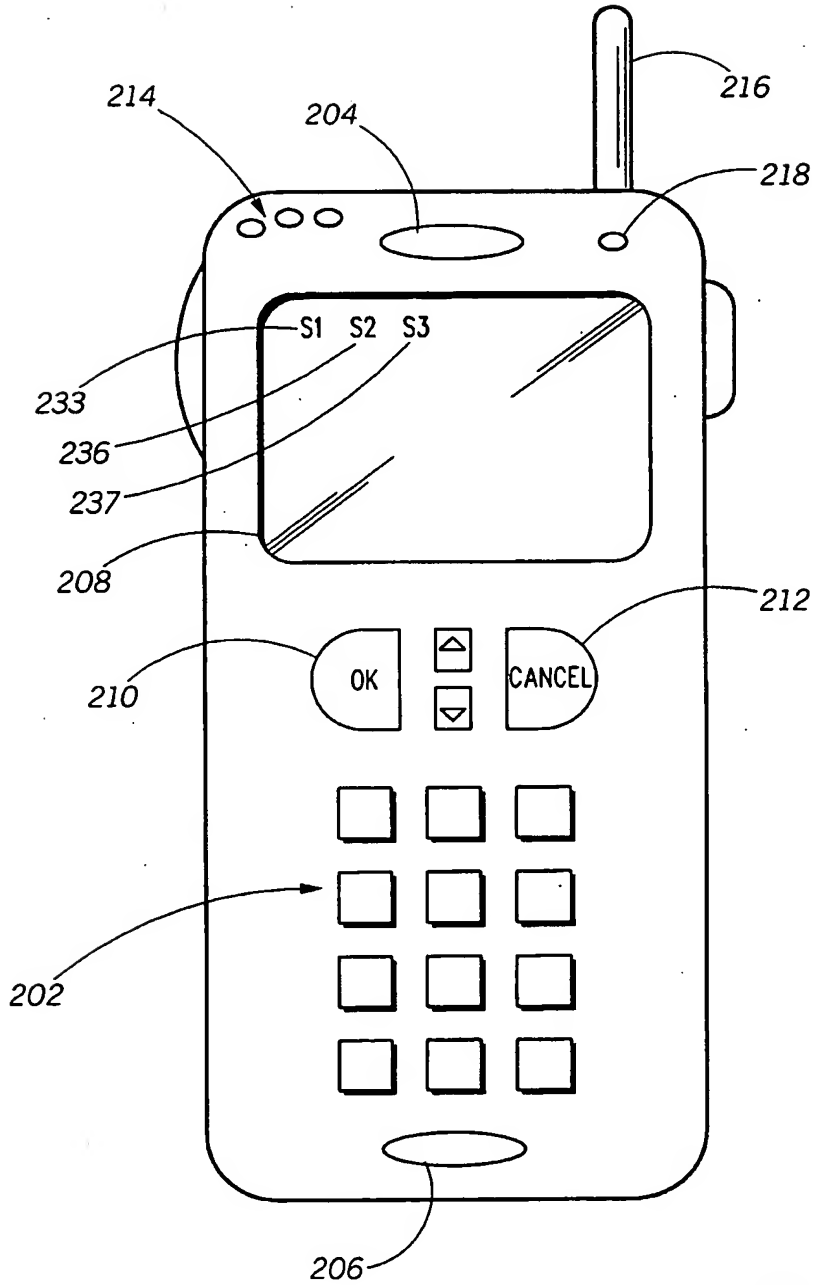
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REPLACEMENT SHEET
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FIG. 2